Brown County

10-Year

Land and Water Resource

Management Plan

December 2016

Brown County

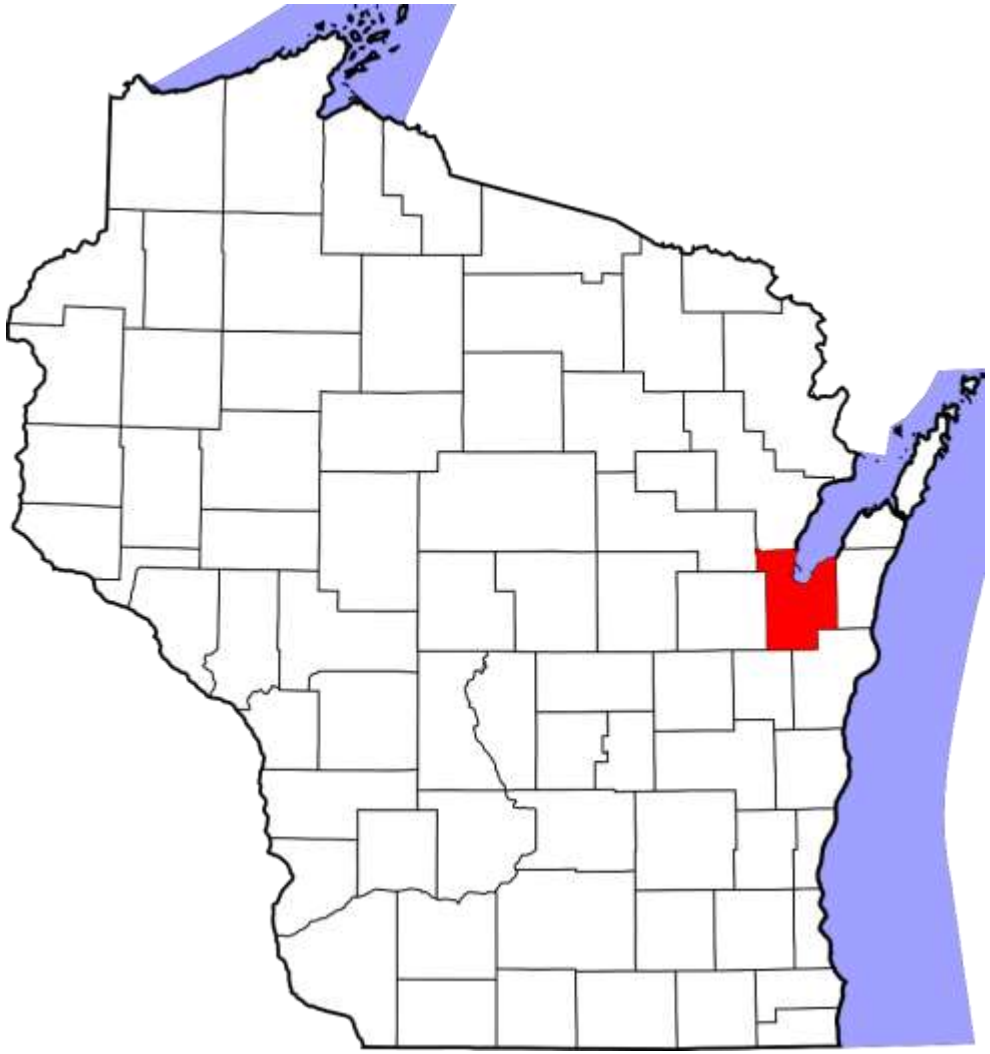
Population: 248,007 (2010 Census)

Area: 616 square miles
- 530 square miles land
- 86 square miles water
- 264 square miles cropland

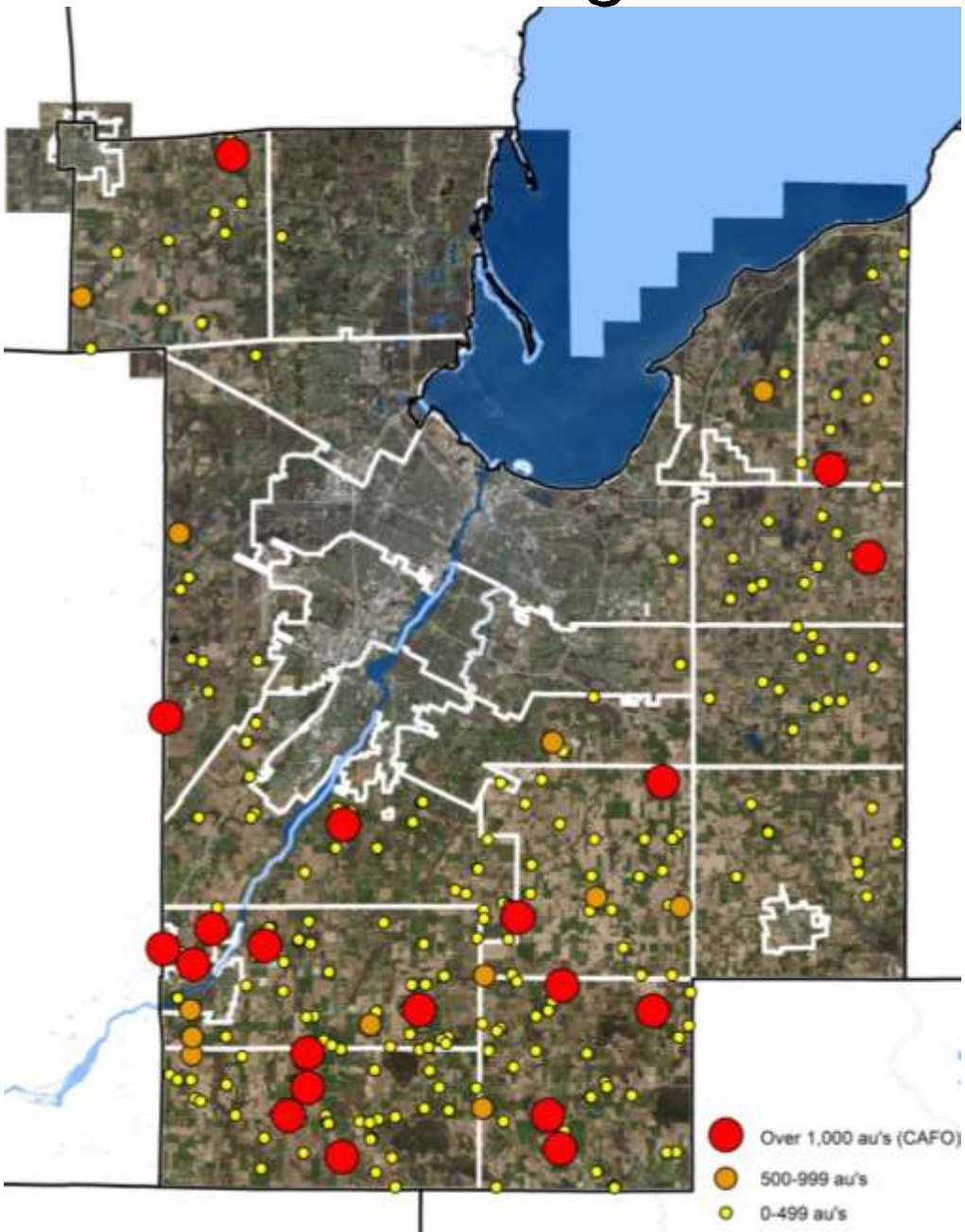
Farms: >1,000 farms (averaging 163 acres)

CAFOs: 20

Cattle: 125,000

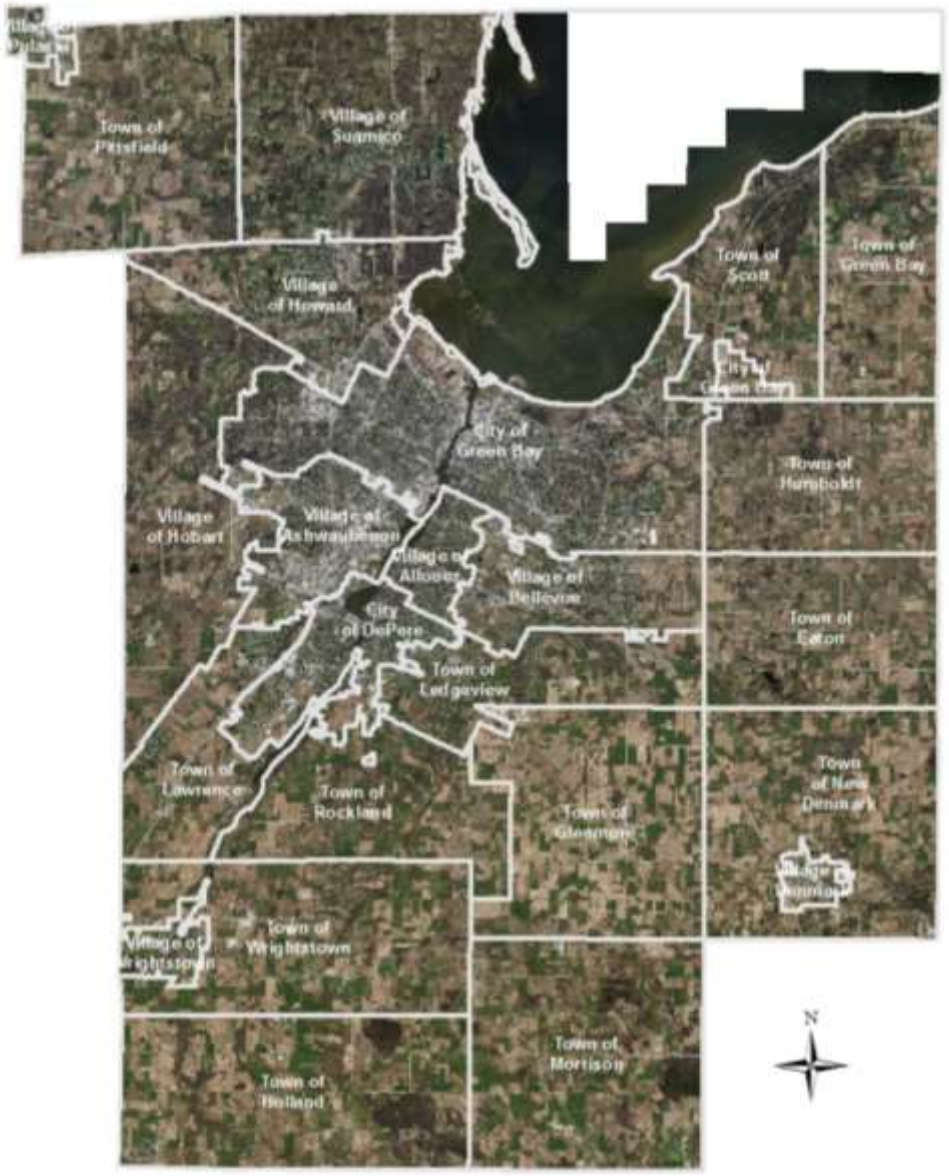


Brown County Farms



Municipal Boundaries

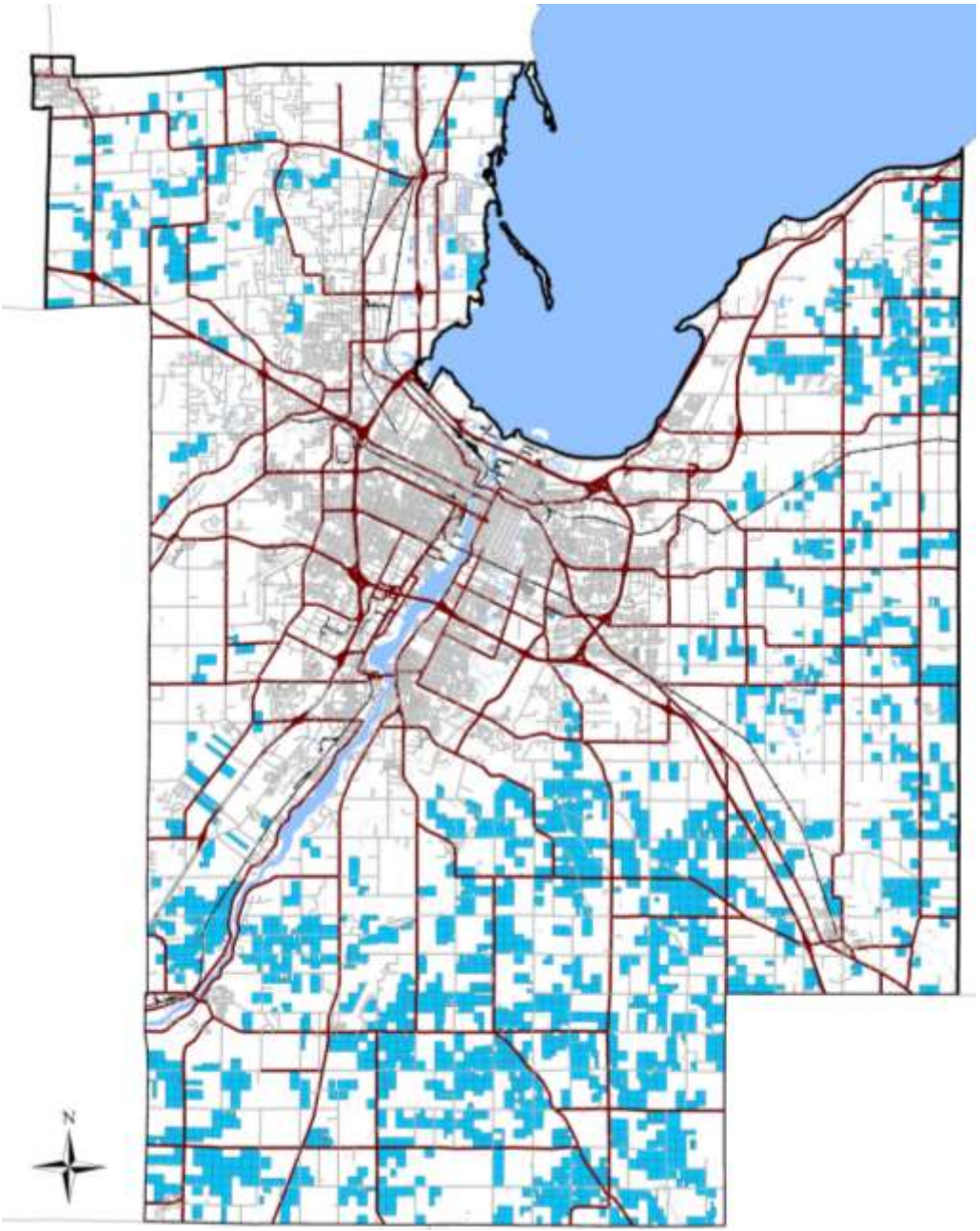
Municipality	Population (2010 Census)	Population (2014 estimate)
C Green Bay	103,913	104,891
C De Pere	23,806	24,555
V Allouez	13,975	13,943
V Ashwaubenon	16,943	17,111
V Bellevue	14,710	15,215
V Denmark	2,123	2,182
V Hobart	6,187	7,861
V Howard	17,399	18,987
V Pulaski	3,539	3,548
V Suamico	11,346	11,878
V Wrightstown	2,827	3,308
Total County Population	248,007	256,670
Rural Population	31,239	33,191



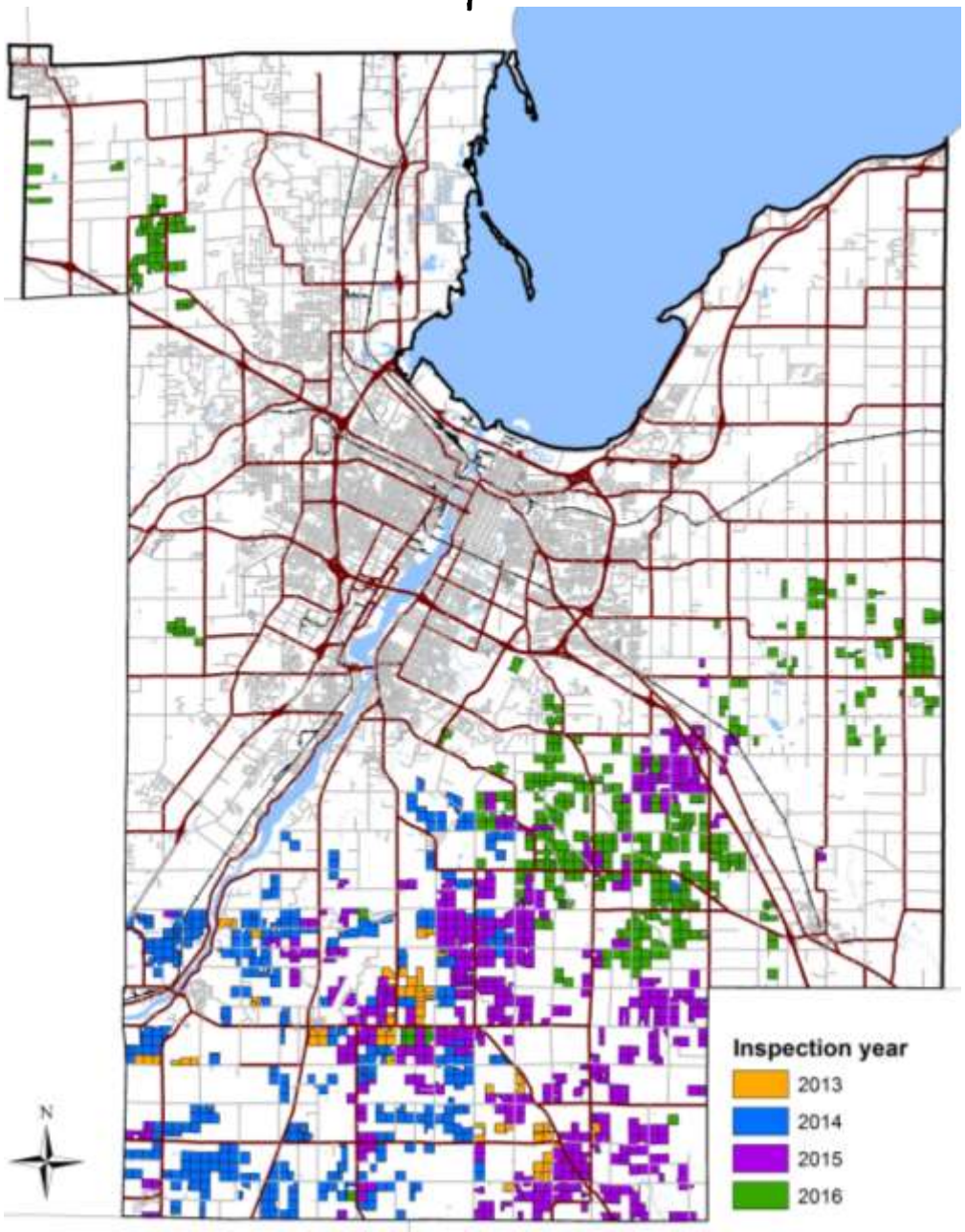
Goal 1: Provide Technical Assistance Related to Water Quality

- Working Lands Initiative
- Animal Waste Management Ordinance
- Fox P Trade
- Assist DNR in Drafting TMDL Implementation Plan
- Groundwater Protection Areas
- Brown County Community Digester Feasibility Study
- Silver Creek Watershed Project
- Plum/Kankapot Creeks Watershed Project

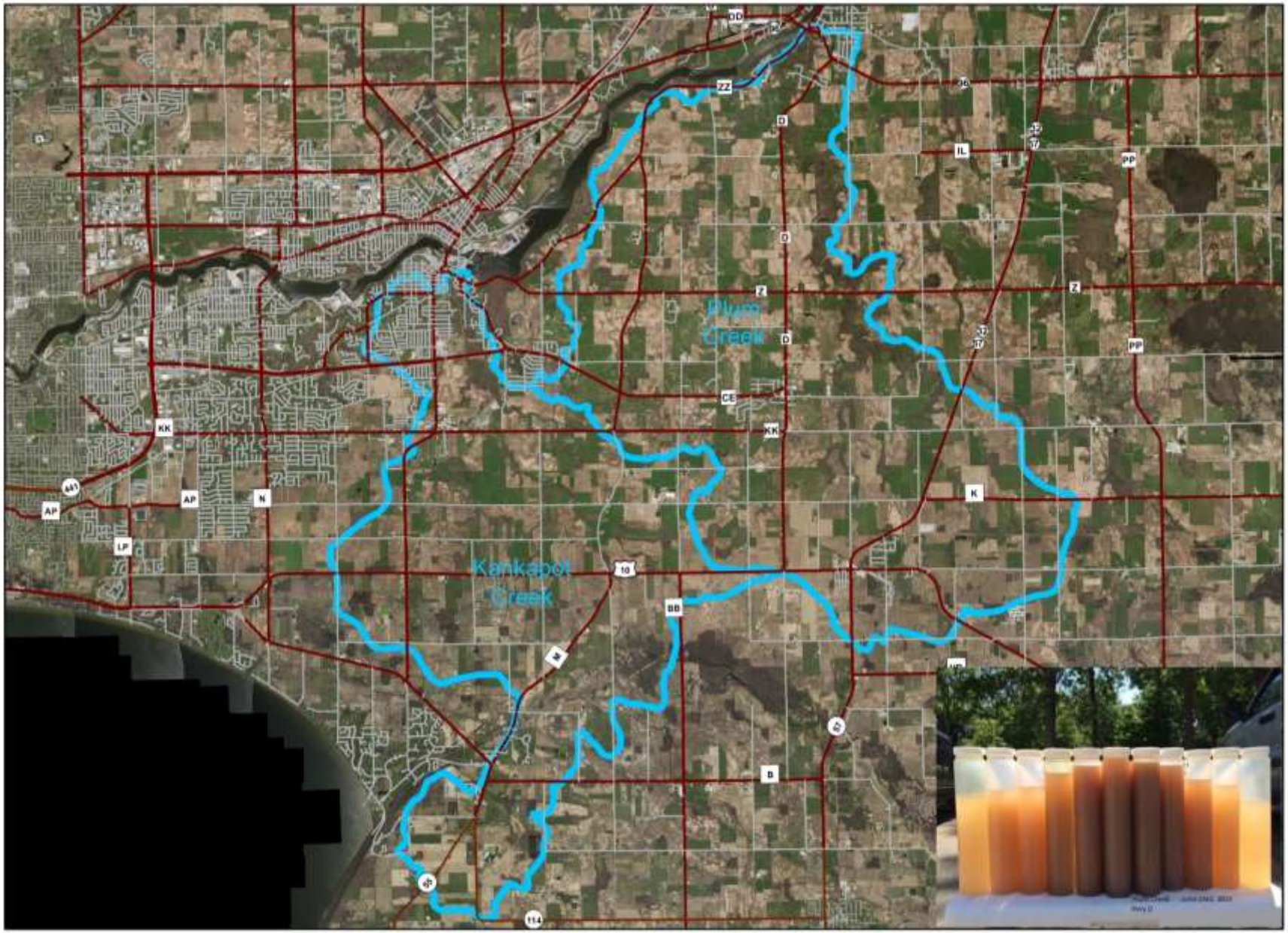
FPP/WLI Enrolled Parcels



FPP/WLI Inspected Parcels



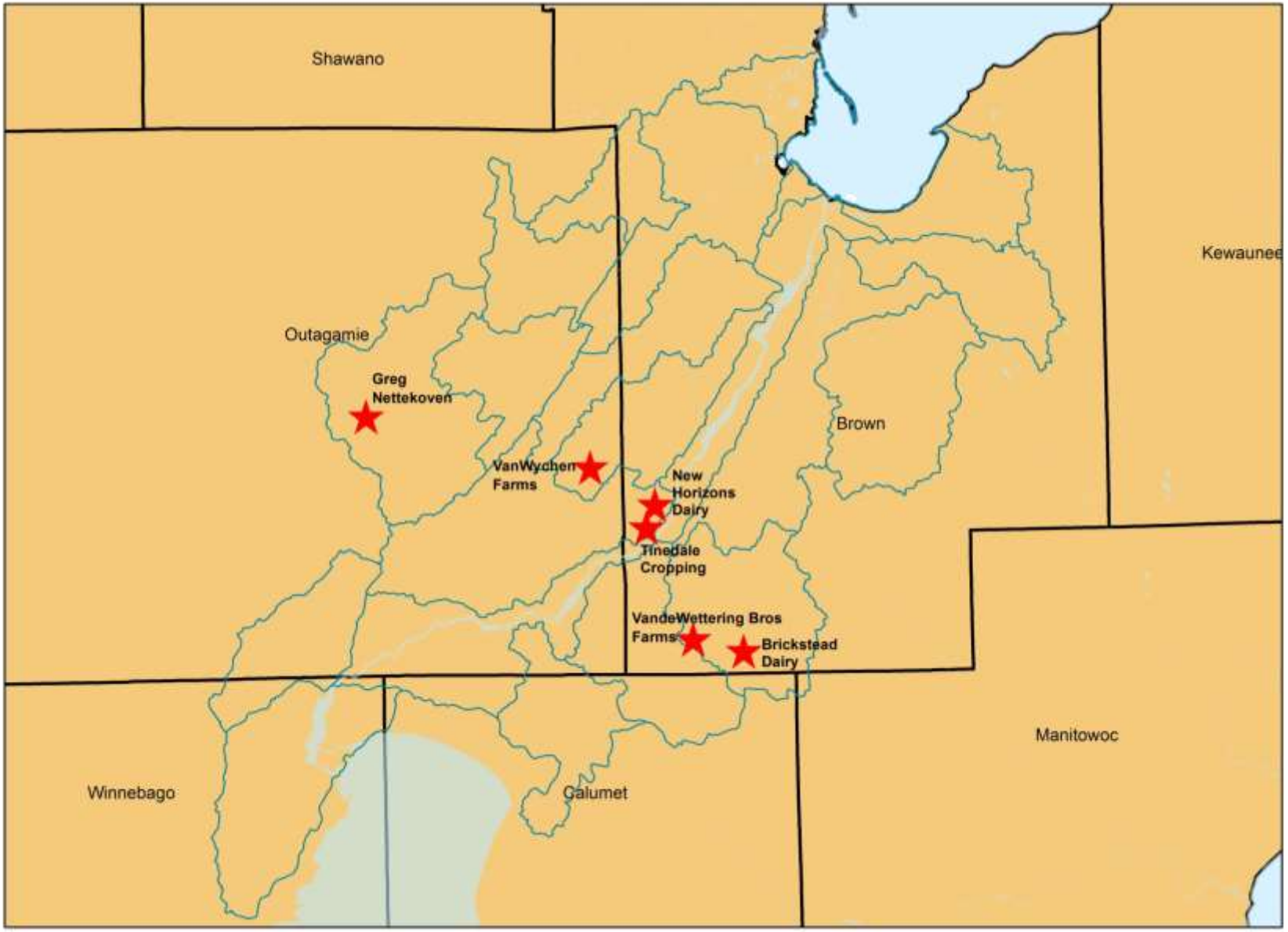
Plum & Kankapot Creek Watershed



Goal 2: Implement Practices that Promote Economic and Environmental Health

- NRCS Contribution Agreement
- Ag Shoreland Management Ordinance
- Wildlife Damage Program
- Low Fox Demonstration Farm Network

Lower Fox River Demonstration Farm Network




InterSeeder

abc 2 WBAY .COM

54° F
Broken Clouds

NEWS ▾ WEATHER ▾ TRAFFIC SPORTS ▾ TARGET2 ▾ HEALTH ▾ MORE ▾ WBAY ▾ POWERZOHOOSE

Send

Current Conditions

Green Bay

54° F

Wind 16 S
Dewpoint 46°
Humidity 75%
Barometer 29.88"
Sunrise 7:30 am
Sunset 5:41 pm

Congressman Reid Ribble was in Northeast Wisconsin Tuesday looking at ways to make local waterways cleaner.

"We're starting to look at what's happening in Green Bay, Lake Winnebago, the Fox River, and you can even translate this to Lake Erie with large algae blooms that are destroying the economy in those areas," said Rep. Reid Ribble, Republican Wisconsin's 8th district.

The problem can be attributed to phosphorus runoff.

The makeup of the Fox River area can make it hard for farmers testing the best ways.

Rep. Ribble and others toured farms Tuesday morning to t a new way.

"These are the early adopters, as we call 'em. These are th conservation practices," said Jimmy Bramblett, state conse Resources Conservation Service.

USDA Natural Resources Conservation Service
Wisconsin
United States Department of Agriculture

About Us | National Centers | State Websites

Topics | Programs | Newsroom | Contact Us

Browse By Audience | A-Z Index | Help

You are Here: Home / Newsroom / Features / Demonstration Farm Field Day Success

Stay Connected

Newsroom

- News Releases
- Events & Deadlines
- Features
- Photos and Videos
- Public Notices
- Publications & Fact Sheets
- Success Stories

Demonstration Farm Field Day Success

Tips on Cover Crops, Drought Proofing, and More

Madison, Wis. – June 16, 2016 – The Lower Fox River Watershed, just south of Green Bay, is home to a network of farms that demonstrate the best, leading-edge conservation practices to reduce phosphorus entering Green Bay and Lake Michigan to improve Great Lakes water quality. The USDA Natural Resources Conservation Service (NRCS) and the Great Lakes Commission (GLC) partnered to establish a Great Lakes Demonstration ...ey partners include the Brown County Land & Water Conservation Department and ...d Conservation Department. The Network hosted a successful Field Day and Open ... Over 55 farmers, landowners, and partners were in attendance.

...to provide better information on the effectiveness of conservation systems used to ...while also providing educational technology transfer opportunities, like the successful field ...ld day participants learned about conservation practices being used on the demo farms, to ...th and water quality.

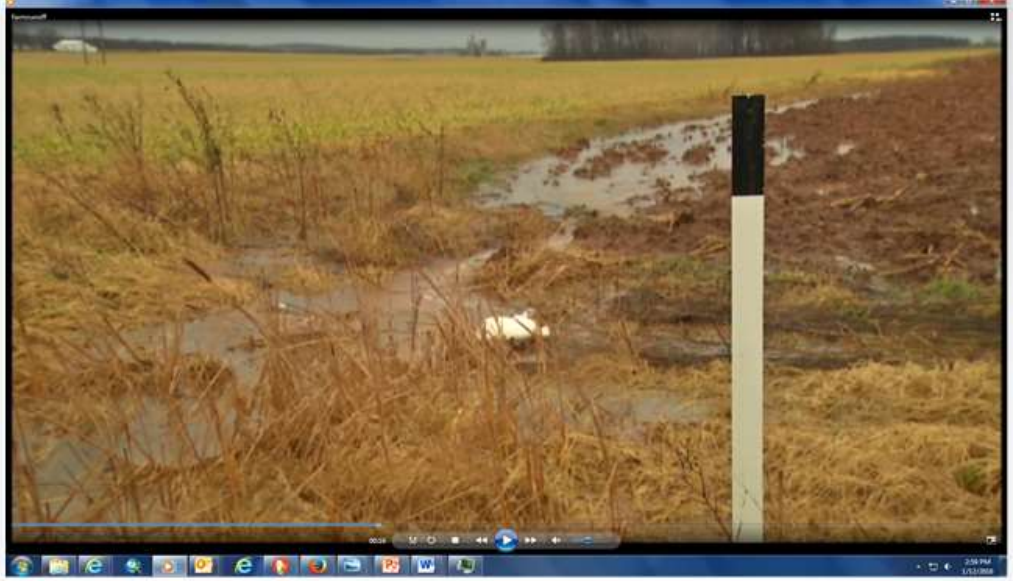
...lale Farm, was graciously, the day's host farm, highlighting his dairy operation, multi- ...d various interseeding approaches. Participants visited a Tinedale field with raddish and ...standing corn. Participants also viewed a Wiese Brothers Farm no-till corn field into multi- ...t had been planted the previous year, after winter wheat, with a portion of the field left ... see any field differences. Differences in field data will be recorded as an ongoing ...ent field was planted with corn and a cover crop mix of radish and clover, and urea. "We're ...icles cover crop works to add organic matter in the soil, with corn, and if it increases water ... Peterson, Brown County Demo Farm Project Manager. "This is an example of the ...no farms are making; trying something out of the box and learning from trials to help

FOX 11 NEWS

NEWS WEATHER INVESTIGATES SPORTS GOOD DAY WI LIVING ON FOX 11 CIRCA

Farm field day promotes cover crops

by Eric Peterson, FOX 11 News | Monday, September 19th 2016



The picture far upper left is Weise Brothers Farm. This field is well over 100 acres. The field on the upper right has been fall tilled corn silage and is just under 25 acres.

The field in the upper left was winter wheat that was harvested in August 2015. Liquid manure was incorporated applied and a diverse cover crop was planted. The cover crops goal is to absorbed the manure and stabilize the soil going into fall and winter. The plan is to no till corn in the spring of 2016.

The clear water (cover crop field) vs dirty water (tilled field) in lower picture tells the story after 3.5″ of rain on Dec 13 2015.

Goal 3: Actively Collaborate to Restore and Enhance Habitats

- 9 Key Element Watershed Plan
- Multi-County Conservation Practice Tracking System
- West Shore Northern Pike Habitat Restoration Project

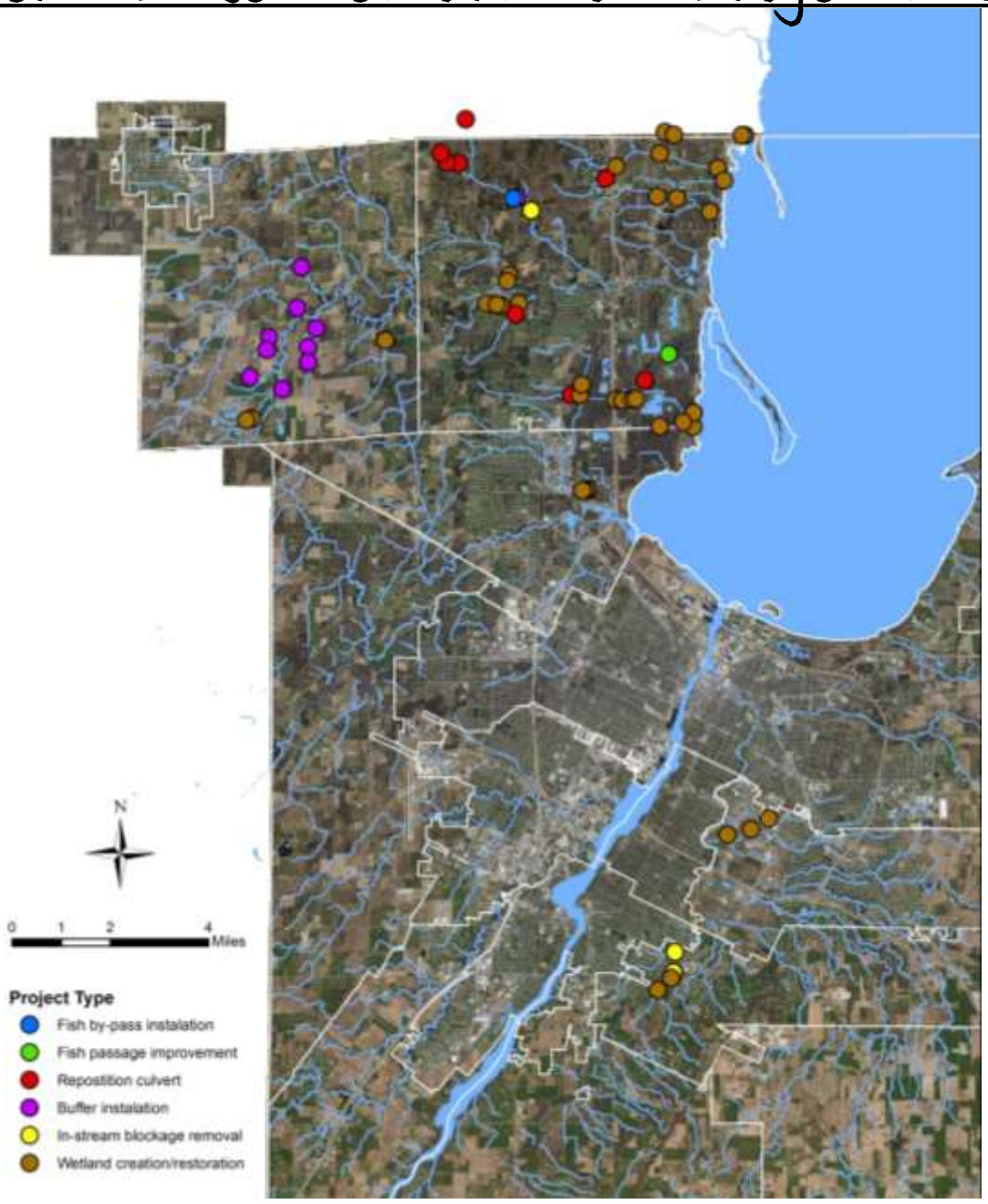
Young of year fry recently detached and mobile (~ 7 days, 20-30 mm)

Young of year (~ 24-30 days, 100-120 mm)

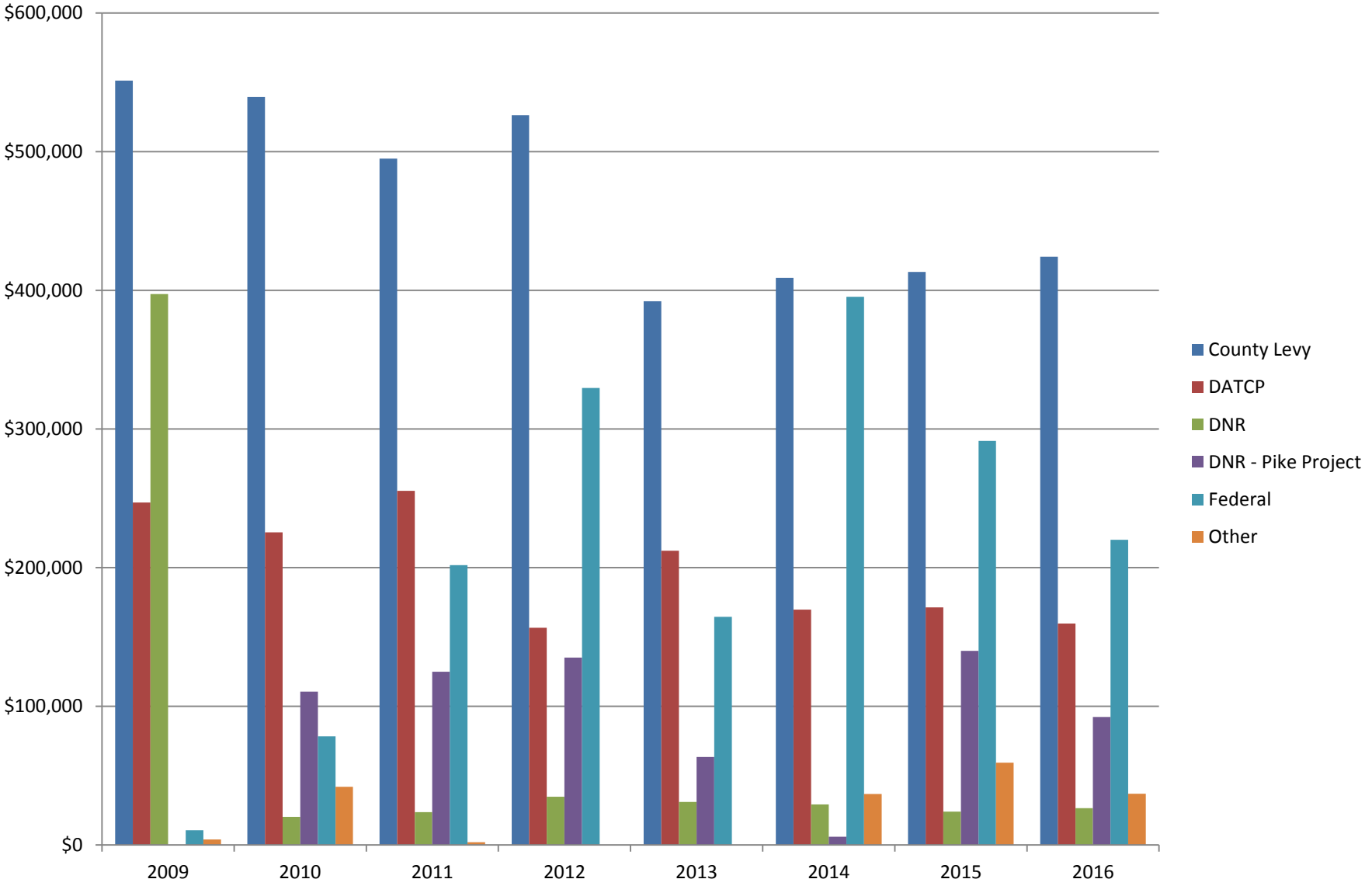
Before

After

Northern Pike Restoration Projects 2007-16



Annual Department Funding 2009-16



Practices Installed 2009-16

	2009	2010	2011	2012	2013	2014	2015	2016
Nutrient Management Acres	109,000	115,000	115,000	111,000	124,000	125,000	121,000	121,000
Winter Spreading Plans	100	83	75	80	76	80	80	80
>500AU Inspections	31	30	33	34	38	35	38	38
Animal Waste Complaints (inspections)	57	39	33	35	49	15	13	10
Animal Waste Ordinance Permits Issued	30	20	24	24	24	18	39	20
waste storage facility						4	3	6
waste facility closure						1	9	2
pumping plant						2	1	5
waste transfer						2	4	6
roof runoff management						0	3	1
heavy use protection (ft^2)						23,278	22,995	24,672
solid/liquid separation						2	2	4
vegetated treatment area (ft^2)						35,192	36,316	73,954
Sediment Control Practices								
diversions (ft.)	0	0	0	0	0	0	512	601
grassed waterways (ft.)	0	0	0	0	0	3,370	21,148	29,240
stream crossings	0	0	0	0	0	1	13	10
WASCOBs	0	0	0	0	0	2	1	3
Wetland Scrapes	0	0	0	0	0	0	1	0
Well Abandonment	8	2	9	18	6	2	2	3
Vegetated Buffer Strip (miles)	9.35	14.1	9.3	11.1	8.8	2.5	6.5	5.0
Wetland Restoration (acres)	3.6	6.15	6.3	8.8	3.0	8.0	3.0	1.0
Stream Impediment Removals	2		1	4		2	3	5
Schedules of Compliance					70	80	90	28

Practices Installed 2009-16

	2009	2010	2011	2012	2013	2014	2015	2016
Nutrient Management Acres	109,000	115,000	115,000	111,000	124,000	125,000	121,000	121,000
Winter Spreading Plans	100	83	75	80	76	80	80	80
>500AU Inspections	31	30	33	34	38	35	38	38
Animal Waste Complaints (inspections)	57	39	33	35	49	15	13	10
Animal Waste Ordinance Permits Issued	30	20	24	24	24	18	39	20
waste storage facility						4	3	6
waste facility closure						1	9	2
pumping plant						2	1	5
waste transfer						2	4	6
roof runoff management							3	1
heavy use protection (ft^2)						23,278	22,995	24,672
solid/liquid separation						2	2	4
vegetated treatment area (ft^2)						35,192	36,316	73,954
Sediment Control Practices								
diversions (ft.)	0	0	0	0	0	0	512	601
grassed waterways (ft.)	0	0	0	0	0	3,370	21,148	29,240
stream crossings	0	0	0	0	0	1	13	10
WASCOBs	0	0	0	0	0	2	1	3
Wetland Scrapes	0	0	0	0	0	0	1	0
Well Abandonment	8	2	9	18	6	2	2	3
Vegetated Buffer Strip (miles)	9.35	14.1	9.3	11.1	8.8	2.5	6.5	5.0
Wetland Restoration (acres)	3.6	6.15	6.3	8.8	3.0	8.0	3.0	1.0
Stream Impediment Removals	2		1	4		2	3	5
Schedules of Compliance					70	80	90	28


Questions?